



# LIFE™

## Product Specifications



# "20" Series Transparent Concrete Stain

**Description:** Life Deck 20 Series Transparent Concrete Stain creates a unique variation of color over bare concrete. It creates a beautiful multi-hue appearance.

**Use:** When applied in accordance to label instructions, Life Deck will penetrate into the concrete surface leaving no film that will chip or peel. Use over properly prepared masonry, concrete, and Life Deck Texture Crete surfaces. The bare concrete surface must be porous and profiled to resemble fine or medium sandpaper.

**Advantages:**

- ✓Penetrating
- ✓Natural Look
- ✓Water Clean-Up

**Finish:** None

**Package Size:**

Gallons, Quarts

**Colors:**

- 62 Gray Slate
- 63 Sandstone
- 64 Umber
- 71 Black
- 65 Sedona Red
- 67 Sienna
- 68 Green Slate

**SURFACE PREPARATION:** Proper surface preparation is essential for penetration of the stain. Surface must be clean and porous prior to staining.

**Concrete, concrete decks, floors and walk ways:**

New concrete must age for a minimum of 30 days. Cool temperatures and high humidity may require a longer cure time. Remove all grease, oil and wax with T.S.P. Solution. (One pound of T. S. P. to 1 gallon of water.) Scrub with stiff broom until surface is thoroughly clean. Rinse thoroughly with clear water then etch(see etching instructions). A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying stain.



**Etching Instructions:** For acid etching, use 1 part 10% muriatic acid to 4 parts water. Wear appropriate eye, skin and apparel protection when applying etching solution. Protect plants and other surface from any splashing. Work etching solution into surface with a stiff bristle broom. Allow muriatic solution to remain on surface approximately 15 minutes. After etching, neutralize acid with baking soda or soda ash. Rinse thoroughly with water and allow to dry. Sweep and/or vacuum all residue left from etching process.

**Aged, Uncoated Concrete:** Remove all dirt, grease and oil with a cleaner or de-greaser. Follow manufacturer's directions. Rinse thoroughly with water and allow to dry. Smooth concrete surfaces must be properly etched. Follow etching instructions.

**Painted, Stained or Sealed Concrete:**

Do not apply over previously painted, stained (except as noted in "DRY TIME") or sealed concrete.



# "20" Series

# Transparent Concrete Stain

**Etching Instructions:** For acid etching, use 1 part 10% muriatic acid to 4 parts water. Wear appropriate eye, skin and apparel protection when applying etching solution. Protect plants and other surface from any splashing. Work etching solution into surface with a stiff bristle broom. Allow muriatic solution to remain on surface approximately 15 minutes. After etching, neutralize acid with baking soda or soda ash and pressure wash thoroughly with water and allow to dry. Sweep and/or vacuum all residue left from etching process.

**Aged, Uncoated Concrete:** Remove all dirt, grease and oil with a cleaner and/or de-greaser. Follow manufacturer's directions. Rinse thoroughly with water and allow to dry. Smooth concrete surfaces must be properly etched. Follow etching instructions.

**Painted, Stained or Sealed Concrete:**

Do not apply over previously painted, stained (except as noted in "DRY TIME") or sealed concrete.

**Application:** Allow concrete surfaces to dry before applying stain. When working with more than one container of the same product, intermix to ensure color uniformity. Stir stain before and occasionally during application. Use product when temperature is between 50°F-80°F. Use caution when applying the transparent penetrating stain to a very hot surface. Premature drying of the stain prevents optimum penetration and the development of its transparent character. Lightly dampen very hot surfaces to cool them down before applying stain. (Do not puddle or flood water onto the surface).

Apply the stain with a conventional garden sprayer, using a push broom to spread it over the surface to be stained. To achieve a beautiful multi-hue appearance, use multiple coats of the stain/mixture thinned as desired with water (from 1 quart of water to 1 gallon of stain or up to 4 gallons of water to 1 gallon of stain). Variations of stain concentration and multiple coats of the stain mixture will produce attractive shading and interesting ranges of color intensities. For very dark, deep accents, use the stain full strength. Stain must be sealed with 4001/4002 Acrylic Urethane, CRU Chemical Resistance Urethane, Stone Glaze, or LD31-96 100% Solids Clear Epoxy System.

**Coverage:** Apply at a spread rate of 200-400 square feet per gallon. If the concrete is broken into sections, apply stain in sections for ease of application.

**Dry Time:** Subsequent coats of "20" Series stain can be applied at any time after 1st application if a darker color is desired. Allow the product to dry 24 hours before top coating and sealing with your choice of Life Deck Clear Coatings (see application instructions). Make sure shoes are clean or wear baggies around shoes to prevent footprints before finishing with clear coating. (Caution, baggies may be slippery).

**Cool temperatures and high humidity may require a longer cure time.**

**Thinning:** Water may be added to lighten color, from 1 quart to 4 gallons of water per gallon of stain.

**Clean-up:** Warm soapy water.

**Important:** Attempting to apply the first coat with a brush or roller may result in lap marks.

Horizontal surfaces may be subject to premature wear, therefore periodic touch-ups may be necessary. Retain any left over stain for this purpose.

**Caution:** Do not take internally. Close container after each use. KEEP OUT OF REACH OF CHILDREN. NON-PHOTOCHEMICALLY REACTIVE (Less than 4%)

**Special Notes:** Uneven cement, colorings, textures, and porosities, develop varying hues of color.

**MILDEW: DO NOT PAINT OVER MILDEW.** Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it.

## Technical Information

**Type:** Acrylic  
**Diluent:** Water

**Flash Point:** >400°F  
**Material V.O.C.:** <25 gram per liter

This product contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). KEEP FROM FREEZING.



# Acrylic Transparent Concrete Stain



**20-62 Gray Slate**  
*Standard Color*



**20-65 Sedona Red**  
*Standard Color*



**20-64 Umber**  
*Standard Color*



**20-67 Sienna**  
*Standard Color*



**20-63 Sand Stone**  
*Standard Color*



**20-68 Green Slate**  
*Standard Color*



**20-71 Black**  
*Standard Color*



**Harvest**  
*Blend*



**Amber Ale**  
*Blend*



**Sage Brush**  
*Blend*



**Adobe**  
*Blend*



**Mint**  
*Blend*



**Clay**  
*Blend*



**Mesquite**  
*Blend*



**Gray Green**  
*Blend*



**Chamois**  
*Blend*

Colors formulated above are applied onto the Life Deck LD2 White Cement and are intended to provide an approximate representation. Your results may vary due to substrate density and color, application technique, moisture content, cure time and other variables.





# Acrylic Transparent Concrete Stain

**Life Deck Acrylic Stains are designed to create unique and rich color tones.**

**Life Deck concrete surfaces have unique texture, variations in color, and porosity.**

**The combination of Life Deck Acrylic stains and cements can give you unique color patterns that will accent your floor to give you a beautiful extraordinary look.**

## Harvest

20-65	Sedona Red	1 Part
20-68	Green Slate	1 Part
Water		2 Parts

## Mint

20-63	Sandstone	1 Part
20-68	Green Slate	1 Part
Water		2 Parts

## Adobe

20-65	Sedona Red	1 Part
20-67	Sienna	1 Part
Water		2 Parts

## Sage Brush

20-62	Gray Slate	1 Part
20-68	Green Slate	1 Part
Water		2 Parts

## Amber Ale

20-64	Umber	1 Part
20-68	Green Slate	1 Part
Water		2 Parts

## Chamois

20-63	Sandstone	1 Part
20-67	Sienna	1 Part
Water		2 Parts

## Gray Green

20-62	Gray Slate	1 Part
20-63	Sandstone	1 Part
Water		2 Parts

## Mesquite

20-67	Sienna	1 Part
20-68	Green Slate	1 Part
Water		2 Parts

## Clay

20-63	Sandstone	1 Part
20-64	Umber	1 Part
Water		2 Parts

## Colors to beautify and protect your floors

**All samples applied on LD2-White Cement color will be darker when applied on other substrates a thin coat of clear, such as 4001 Acrylic Urethane or LD2008 Acrylic Lacquer**

*Colors formulated above are applied onto the Life Deck LD2 White Cement and are intended to provide an approximate representation. Your results may vary due to substrate density and color, application technique, moisture content, cure time and other variables.*